

This Page Is Inserted by IFW Operations  
and is not a part of the Official Record

## **BEST AVAILABLE IMAGES**

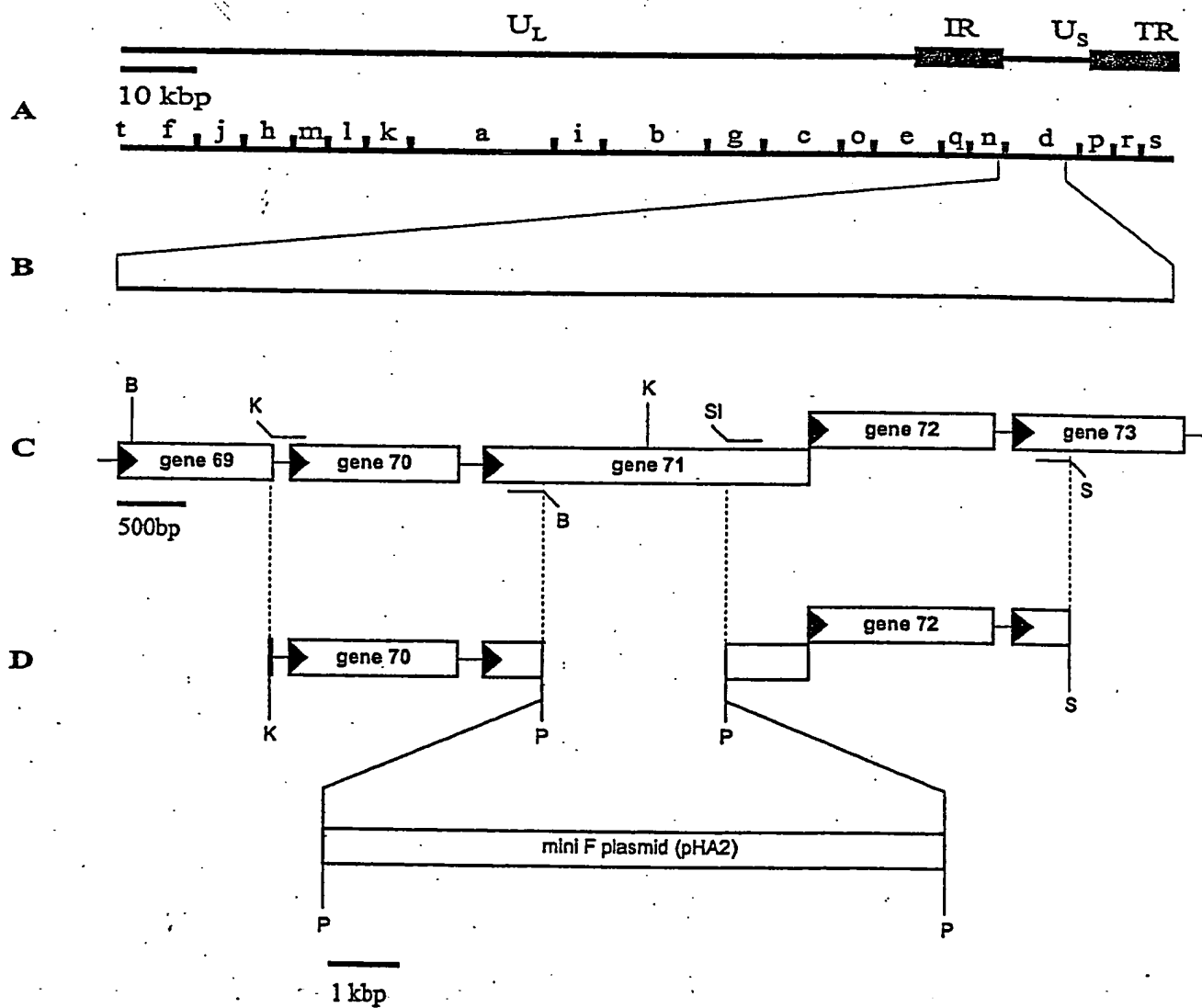
Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

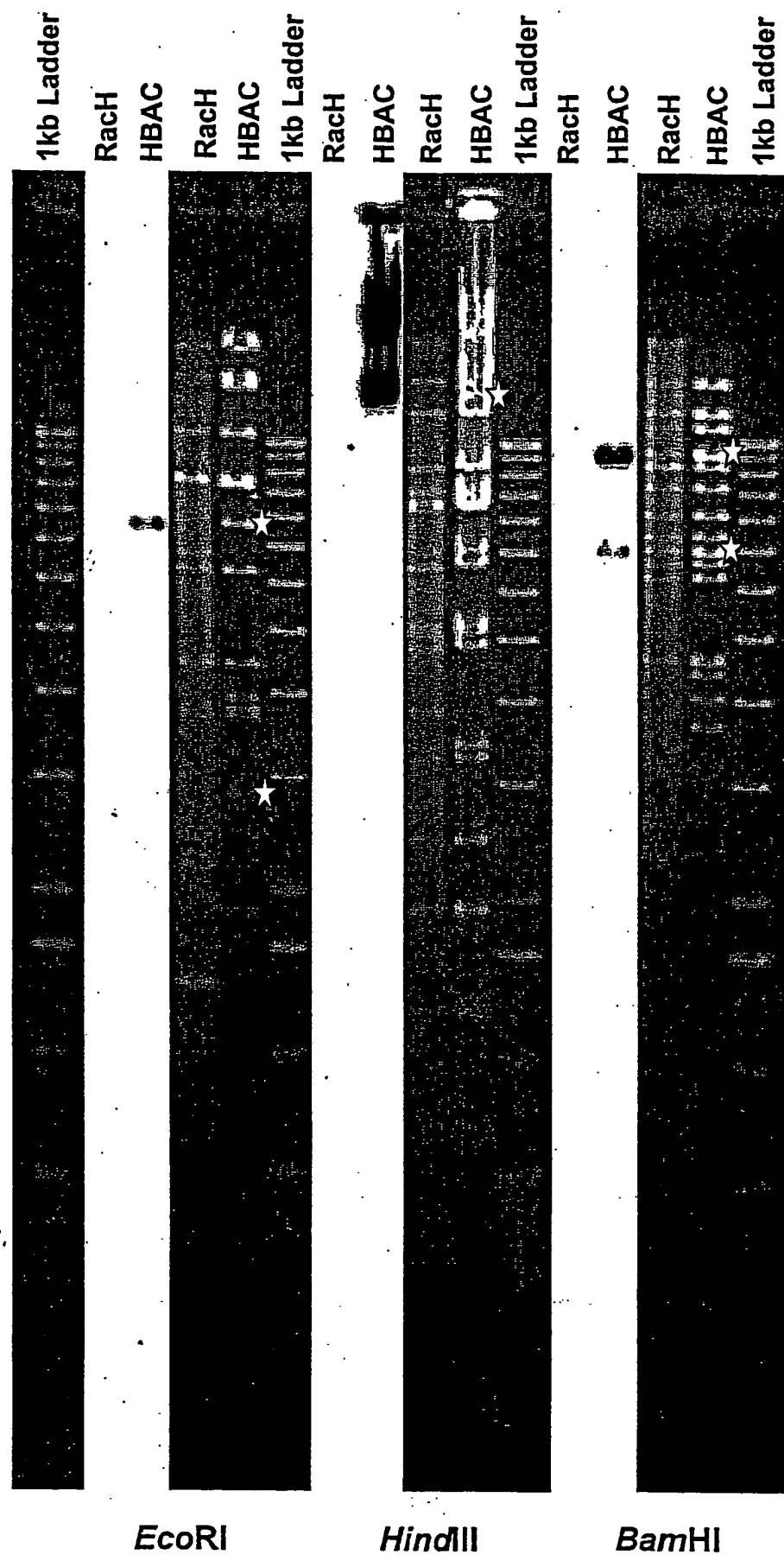
- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

**IMAGES ARE BEST AVAILABLE COPY.**

**As rescanning documents *will not* correct images,  
please do not report the images to the  
Image Problem Mailbox.**



SI - *SalI*  
 S - *SphI*  
 B - *BamHI*  
 K - *KpnI*  
 P - *PacI*



*EcoRI*

*HindIII*

*BamHI*

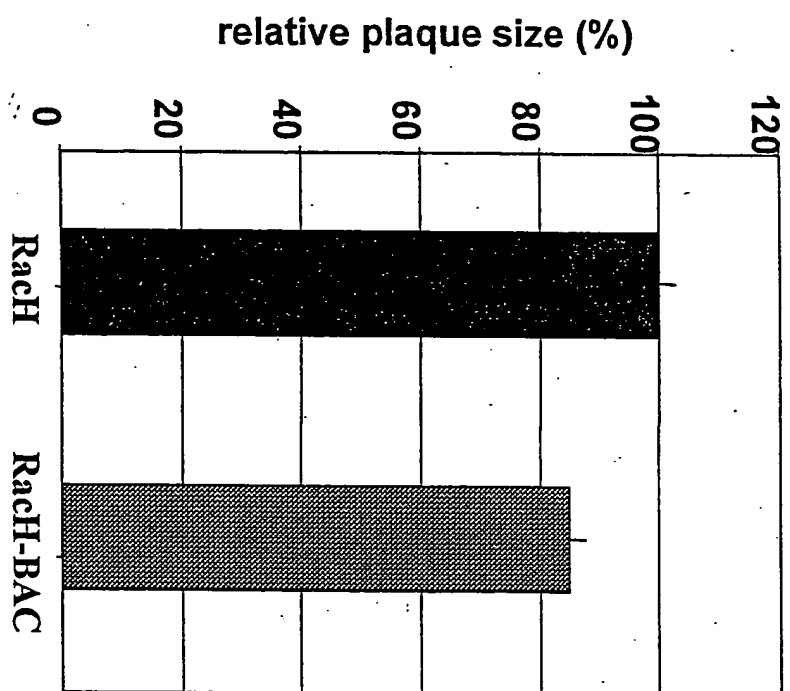


Figure 3

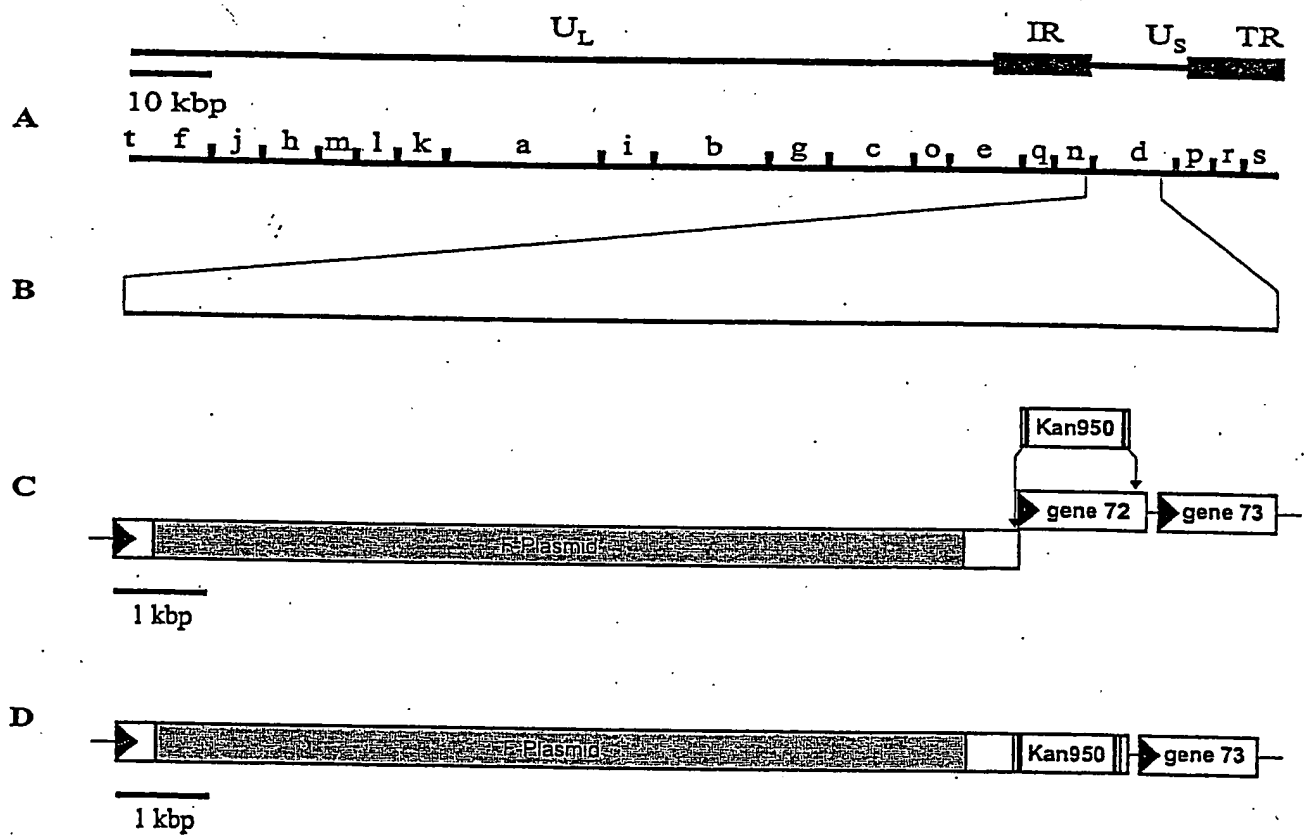


Figure 4a

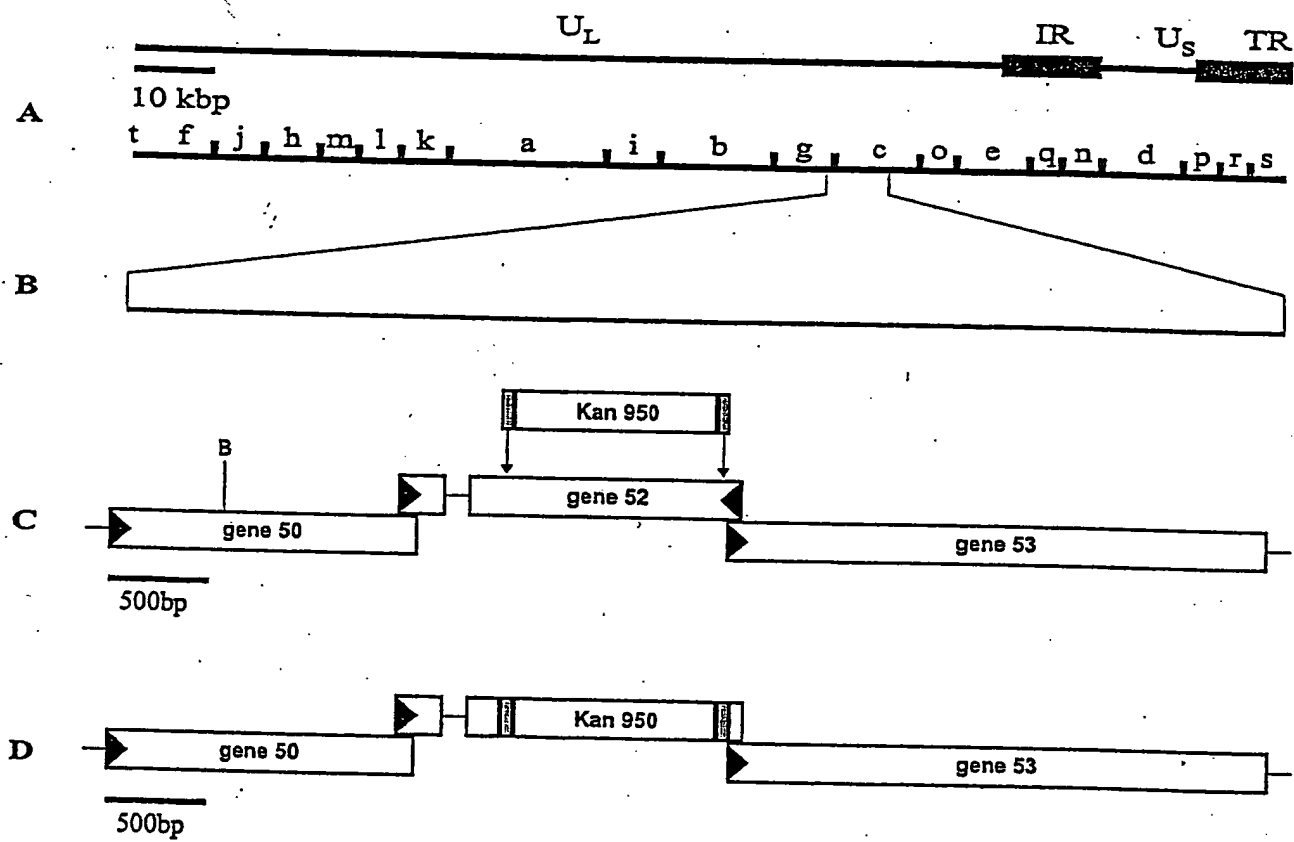
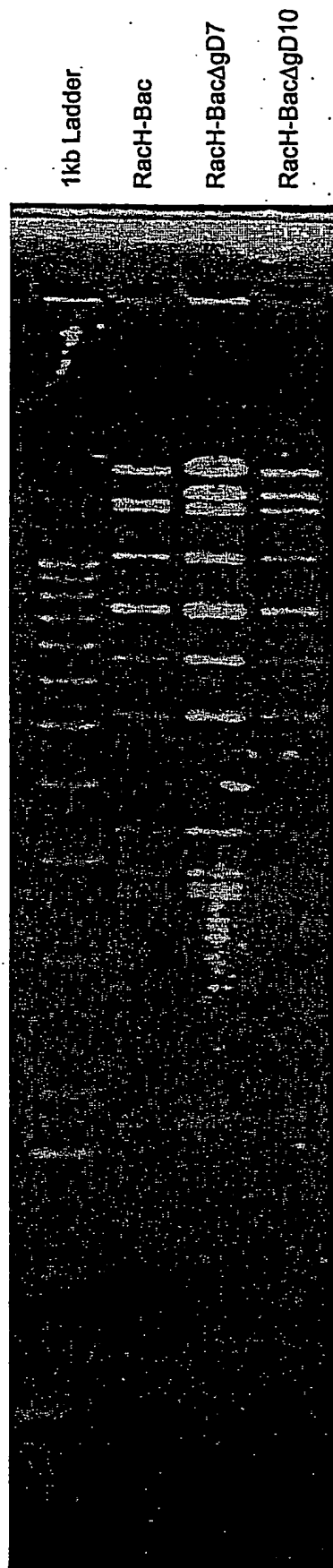
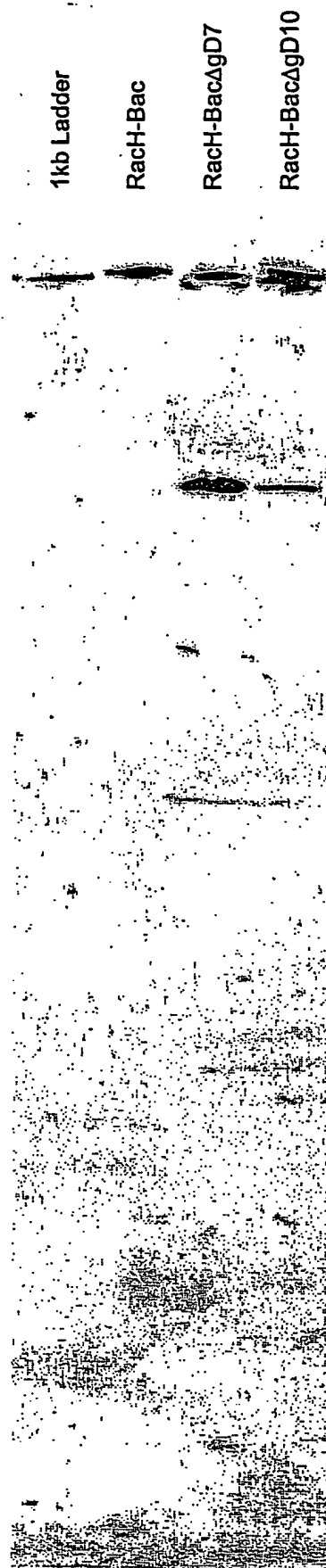


Figure4b

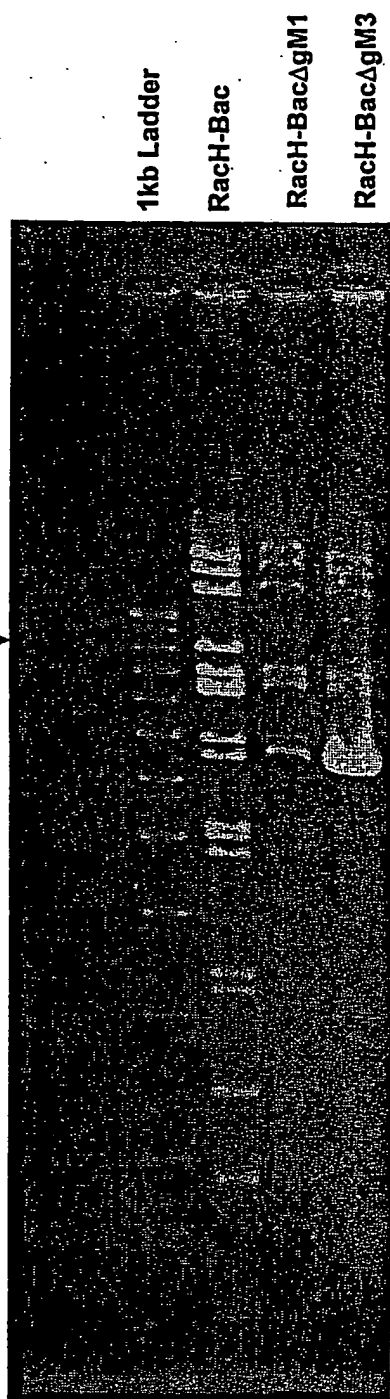


Agarose gel  
*Hind*III digest



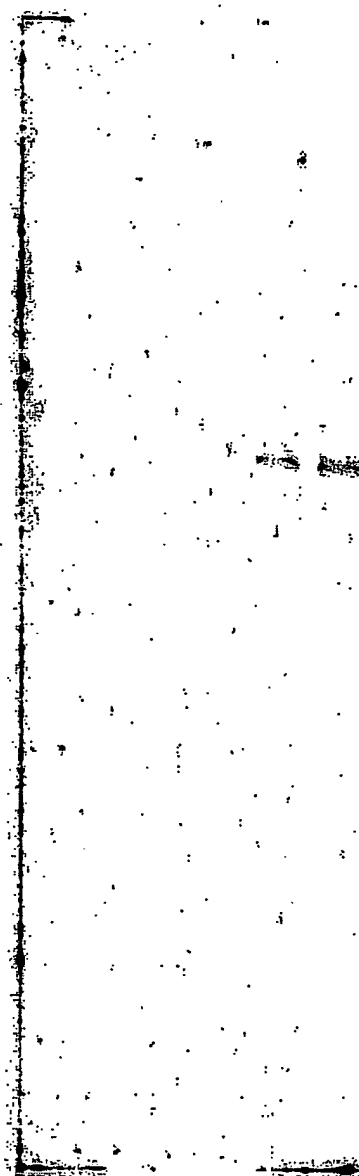
Southern blot  
(*kan*<sup>R</sup> probe)

10.1 kb →



Agarose gel  
*Hind*III digest

1kb Ladder  
RacH-Bac  
RacH-BacΔgM1  
RacH-BacΔgM3



Southern blot  
(kan<sup>R</sup> probe)